

著作目録(荒川雅男)

著者	東北大学史料館
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荒川雅男教授著作目録

昭和 52 年 3 月

東北大学記念資料室

(著作目録第137号)

荒 川 雅 男 教 授 略 歴

大正3年1月2日	宮城県仙台市に生る
昭和12年4月	東北帝国大学医学部卒業
昭和12年4月	東北帝国大学医学部副手（小児科教室）
昭和16年7月	臨時召集
昭和19年4月	陸軍軍医中尉
昭和20年10月	復員
昭和21年8月	東北大学医学部講師
昭和22年7月	東北大学助教授
昭和22年11月	青森医学専門学校教授
昭和24年5月	弘前医科大学教授
昭和29年4月	弘前大学教授（医学部）
昭和32年7月～11月	文部省在外研究員トシテ南アフリカ連邦，ウガンダ，セイロン，インドニ出張
昭和34年8月	弘前大学評議員
昭和35年4月	東北大学教授（医学部）
昭和35年4月	日本ビタミン学会賞受賞
昭和41年3～5月	北アメリカニ出張
昭和42年12月	北アメリカニ出張
昭和43年5～6月	北アメリカニ出張
昭和44年4月	日本ビタミン学会賞受賞
昭和44年6月	北アメリカニ出張
昭和45年1月	東北大学医学部附属病院長町分院長
昭和45年12月	タイ，マレーシア，インドネシアニ出張
昭和47年6月	東北大学医学部附属病院長事務取扱 東北大学評議員
昭和48年1月	医師研修審議会委員（厚生省）
昭和49年2月	医療関係者審議会委員（厚生省）
昭和49年7月 } 昭和51年7月 }	東北大学医学部附属病院長
昭和52年4月1日	停年退官

著 作 目 録

No.	発表年	著 作・論 文 題 目	誌 名	巻	頁
1)	1950	A strange way of detoxication: detoxifying by excretion of poisonous metabolite into milk	Tohoku J. exp. Med.	52	251
2)	1950	Contribution to the method for the quantitative estimation of pyruvic acid in human milk	Tohoku J. exp. Med.	53	167
3)	1950	Pyruvic acid content in milk with different Arakawa's reaction	Tohoku J. exp. Med.	53	171
4)	1951	Nutritional dystrophy with or without macrocytic anemia	Tohoku J. exp. Med.	55	61
5)	1952	Pyruvic acid and acetaldehyde in human milk according to different Arakawa's reaction	Tohoku J. exp. Med.	55	176
6)	1952	The existence of co-carboxylase in human milk	Tohoku J. exp. Med.	56	13
7)	1952	Blood picture of nutritional dystrophy in children	Tohoku J. exp. Med.	56	47
8)	1952	Hepatomeglic liver in children with chronic miliary tuberculosis and liver biopsy findings	Tohoku J. exp. Med.	56	59
9)	1953	Contribution to pathogenesis of transient infantile hemiplegia probably due to Izumi fever: with special reference to the cross section pneumo-encephalogram	Tohoku J. exp. Med.	57	199
10)	1955	Hepatic enlargement of children with nutritional dystrophy	Tohoku J. exp. Med.	63	81
11)	1955	Hepatic enlargement of breastfed infants and its relation to nutritional dystrophy of their mothers	Tohoku J. exp. Med.	63	87
12)	1958	The erythrocytes sensitized with tuberculin-polysaccharide in the circulating blood	Tohoku J. exp. Med.	67	114
13)	1958	Occurrence of the erythrocytes sensitized with tuberculin-polysaccharide in the circulating blood of the rabbits with tuberculous infection	Tohoku J. exp. Med.	67	122
14)	1958	"Erythrocytes sensitized with tuberculin" in the rabbits on inoculation with tubercle bacilli	Tohoku J. exp. Med.	68	93

15)	1958	Adsorption of tuberculin-polysaccharide to human erythrocytes in serum	Tohoku J. Med.	exp.	68	99
16)	1958	The erythrocytes sensitized with tuberculin-polysaccharide in the circulating blood of children	Tohoku J. Med.	exp.	68	105
17)	1959	Approximate estimation of tuberculin-polysaccharide in serum	Tohoku J. Med.	exp.	69	295
18)	1959	Three types of behavior of tuberculin-polysaccharide in blood for the evaluation of the activity of tuberculosis in infancy and childhood	Tohoku J. Med.	exp.	69	303
19)	1959	Tuberculin-polysaccharide in the blood of tuberculous infants and children: influence of chemotherapy upon it	Tohoku J. Med.	exp.	69	337
20)	1959	A method for approximate estimation of tuberculin-polysaccharide in 24-hr urine of children with tuberculosis	Tohoku J. Med.	exp.	70	23
21)	1960	A correlation between nuclear diameters of oral epithelial squamous cells and blood vitamin B ₁₂ levels of children with nutritional dystrophy	Tohoku J. Med.	exp.	72	243
22)	1961	A method for colorimetric estimation of peroxidase in serum or plasma	Tohoku J. Med.	exp.	75	238
23)	1962	Influence of splenectomy upon cerebral excitability of rabbits	Tohoku J. Med.	exp.	77	96
24)	1962	Congenital steatosis of the liver: biochemical approach to its pathogenesis	Tohoku J. Med.	exp.	77	317
25)	1963	Congenital tryptophanuria with dwarfism	Tohoku J. Med.	exp.	80	118
26)	1963	Hyperpigmentation of the skin with DOPA-uria of a newborn	Tohoku J. Med.	exp.	80	329
27)	1963	Hyperfollic acidemia with formiminoglutamic aciduria following histidine loading. Suggested for a case of congenital deficiency in formiminotransferase	Tohoku J. Med.	exp.	80	370
28)	1964	Lactose intolerance with normal activity of lactase	Tohoku J. Med.	exp.	83	365
29)	1965	Chemical identification of the surface-active material isolated from calf lung	Tohoku J. Med.	exp.	85	33

30)	1965	A simple method for detection of formiminoglutamic acid in urine	Tohoku J. exp. Med.	85	178
31)	1965	Folic acid deficiency in hemochromatosis: probably due to a defective storage of folic acid in the liver	Tohoku J. exp. Med.	86	301
32)	1965	Malabsorption of vitamin B ₁₂ and ariboflavinosis due to defective vitamin B ₁₂ -binding power of gastric mucosa	Tohoku J. exp. Med.	86	341
33)	1965	Uracil-uric refractory anemia with peroxidase negative neutrophils	Tohoku J. exp. Med.	87	52
34)	1965	Idiopathic hypercholesterolemia: demonstration of an impaired feedback control of cholesterol synthesis in vivo	Tohoku J. exp. Med.	87	155
35)	1965	Serum folate activity and urinary formiminoglutamic acid following histidine load in infants and children	Tohoku J. exp. Med.	87	199
36)	1965	Folic acid clearance and its relation to initial levels of serum folic acid activity in children	Tohoku J. exp. Med.	87	249
37)	1965	Folic acid deficiency due to a low-phenylalanine diet	Tohoku J. exp. Med.	87	296
38)	1965	An impaired ⁵⁷ Co B ₁₂ absorption and decrease in number of gastric chief cells in vitamin B ₁₂ deficient rats	Tohoku J. exp. Med.	87	351
39)	1966	A hemolytic anemia with abnormality of erythrocyte lipids and dwarfism	Tohoku J. exp. Med.	88	35
40)	1966	A rapid increase in formiminotransferase activity of liver during infancy	Tohoku J. exp. Med.	88	57
41)	1966	Urinary AICA (4-amino-5-imidazole-carboxamide) following an oral AICA in formiminotransferase deficiency syndrome	Tohoku J. exp. Med.	88	99
42)	1966	Aminoimidazolecarboxamide ribotide (AICAR)-transformylase of erythrocytes in formiminotransferase deficiency syndrome	Tohoku J. exp. Med.	88	161
43)	1966	Prolinuria: defect in intestinal absorption of imino acids and glycine	Tohoku J. exp. Med.	90	105

44)	1966	Prolinuria: transport of proline by leukocytes	Tohoku J. exp. Med.	90	189
45)	1966	Tryptopan load and uptake of tryptophan by leukocytes in Hartnup disease	Tohoku J. exp. Med.	90	337
46)	1967	Dilatation of cerebral ventricles of rat offsprings induced by 6-mercaptopurine admimistration to dams	Tohoku J. exp. Med.	91	143
47)	1967	Homocystinuria: amino acid pattern of the liver	Tohoku J. exp. Med.	92	325
48)	1967	Megaloblastic anemia and mental retardation associated with hyperfolic acidemia: probably due to methyltetrahydrofolate transferase deficiency	Tohoku J. exp. Med.	93	1
49)	1967	Endogenous renal clearance rates of free amino acids in prolinuric and Hartnup patients	Tohoku J. exp. Med.	93	57
50)	1967	Vitamin B ₆ dependent xanthurenic aciduria	Tohoku J. exp. Med.	93	115
51)	1968	Formiminotransferase deficiency syndrome associated with megaloblastic anemia responsive to pyridoxine or folic acid	Tohoku J. exp. Med.	94	3
52)	1968	Flequency analysis of electroencephalograms and latency of photically induced average evoked response in children with ariboflavinosis	Tohoku J. exp. Med.	94	327
53)	1968	Tetrahydrofolate-dependent enzme activity of the rat liver in riboflavin deficiency	Tohoku J. exp. Med.	94	417
54)	1968	Vitamin B ₆ dependent xanthurenic aciduria	Tohoku J. exp. Med.	95	107
55)	1968	Methionine and glycine levels in the liver of riboflavin deficient rats	Tohoku J. exp. Med.	95	203
56)	1968	Cystathionuria not associated with vitamin B ₆ dependency	Tohoku J. exp. Med.	95	235
57)	1968	Lesch-Nyhan syndrome: autopsy findings and in vitro study of incorporation of ¹⁴ C-8-inosine into uric acid, GMP and AMP in the liver	Tohoku J. exp. Med.	95	253
58)	1968	Dietary treatment of infantile tyrosinemia	Tohoku J. exp. Med.	95	337

59)	1968	Tryptophan pyrrolase activity in rats subjected to electric convulsions	Tohoku J. Med.	exp.	96	191
60)	1968	Liver kynureninase activity of an infant with infantile spasm	Tohoku J. Med.	exp.	96	191
61)	1968	Familial occurrence of formimino-transferase deficiency syndrome	Tohoku J. Med.	exp.	96	211
62)	1968	Homocystinuria of vitamin B ₆ dependent type	Tohoku J. Med.	exp.	96	235
63)	1968	Influence of aminopterin administration to dams upon single carbon transfer into purines of fetal brains	Tohoku J. Med.	exp.	96	313
64)	1968	Hypersegmentation of neutrophils in an infant with mental retardation	Tohoku J. Med.	exp.	96	319
65)	1968	¹⁴ CO ₂ in expired air after radioactive histidine injection in forminotransferase deficiency syndrome	Tohoku J. Med.	exp.	96	341
66)	1969	Hyperalaninemia with pyruvicemia	Tohoku J. Med.	exp.	97	99
67)	1969	Increased excretion of ³ H-folic acid injected to rats with riboflavin deficiency or excessive dietary methionine	Tohoku J. Med.	exp.	97	263
68)	1969	Electroencephalographic frequency patterns of rats treated with aminopterin in early infancy	Tohoku J. Med.	exp.	97	385
69)	1969	Brain function of infants fed on milk from mothers with low serum folate levels	Tohoku J. Med.	exp.	97	391
70)	1969	Hypocupremic infant associated with mental retardation and hepatic cirrhosis; probably a copper malabsorption syndrome	Tohoku J. Med.	exp.	98	229
71)	1969	Hyperglycinemia: a defect in glycine cleavage reaction	Tohoku J. Med.	exp.	98	289
72)	1969	Electroencephalogram and myelin lipids of six-week-old rats with aminopterin treatment during suckling period	Tohoku J. Med.	exp.	99	59
73)	1969	Hyperalaninemia with pyruvicemia due to pyruvate carboxylase deficiency of the liver	Tohoku J. Med.	exp.	99	121

74)	1970	Two siblings of hyperphenylalaninemia: Suggestion to a genetic variant of phenylketonuria	Tohoku J. Med.	exp.	100	249
75)	1970	Free amino acid pattern in the liver from the patients with amino acid disorders: Postmortem diagnosis of inborn errors of amino acid metabolism	Tohoku J. Med.	exp.	101	223
76)	1970	Abnormally high levels of lactate and pyruvate in cerebrospinal fluid of hyperalaninemia and hyperpyruvicemia	Tohoku J. Med.	exp.	101	375
77)	1970	Longitudinal study on maturation patterns of EEG basic waves of infants fed on milk from mothers with low serum folate levels	Tohoku J. Med.	exp.	102	81
78)	1970	Maturation patterns of EEG basic waves of healthy infants under 12 months of age	Tohoku J. Med.	exp.	102	91
79)	1970	Vitamin E deficiency in a child with intestinal lymphangiectasia	Tohoku J. Med.	exp.	102	169
80)	1970	Hyperglycinemia and propionate carboxylation	Tohoku J. Med.	exp.	102	313
81)	1971	Free amino acid pattern in the brain from rats with hyperaminoacidemia	Tohoku J. Med.	exp.	103	49
82)	1971	Hypersegmentation of nuclear lobes of megakaryocytes in rats with folic acid deficiency	Tohoku J. Med.	exp.	104	177
83)	1971	Hypersegmentation of megakaryocytes in a folic acid deficient child	Tohoku J. Med.	exp.	104	183
84)	1971	Vitamin B ₆ dependency of glutamic acid decarboxylase in the kidney from a patient with vitamin B ₆ dependent convulsion	Tohoku J. Med.	exp.	104	195
85)	1971	Urocanic aciduria: A defect in the urocanase activity in the liver of a mentally retarded	Tohoku J. Med.	exp.	104	305
86)	1971	Metabolism of phosphatidylcholine in brain and liver of developing rats	Tohoku J. Med.	exp.	104	359
87)	1972	Defect of incorporation of glycine- ¹⁴ C into urinary uric acid in formimino-transferase syndrome	Tohoku J. Med.	exp.	106	213

88)	1972	In vitro inhibition study of diphenylhydantoin upon rat liver enzymes concerned in folic acid metabolism	Tohoku J. Med.	exp.	106	249
89)	1972	Effects of dietary folate deficiency on fatty acid composition of myelin cerebroside in growing rats	Tohoku J. Med.	exp.	108	219
90)	1972	Decrease in long-chain hydroxy-fatty acids of myelin cerebroside in formiminotransferase deficiency	Tohoku J. Med.	exp.	108	279
91)	1973	Decreased hepatic histidase activity induced by diphenylhydantoin administration as a cause of decrease in urinary formiminoglutamic acid in rats	Tohoku J. Med.	exp.	110	49
92)	1973	Choline phosphokinase, phosphorylcholine cytidyltransferase and CDP-choline-1,2-diglyceride cholinephosphotransferase activity in developing rat lung	Tohoku J. Med.	exp.	110	273
93)	1973	Effect of diphenylhydantoin on single carbon metabolism in folate deficient rats	Tohoku J. Med.	exp.	110	359
94)	1973	Mechanism of decrease in serum folate levels of rats receiving diphenylhydantoin	Tohoku J. Med.	exp.	111	203
95)	1974	Decrease in serum diphenylhydantoin levels after withdrawal of phenobarbital in epileptics treated with both drugs	Tohoku J. Med.	exp.	112	165
96)	1974	Serum levels of diphenylhydantoin and phenobarbital in epileptic children receiving diphenylhydantoin, phenobarbital, and/or mysoline	Tohoku J. Med.	exp.	112	169
97)	1974	Serum histidine clearance in children with diphenylhydantoin administration	Tohoku J. Med.	exp.	112	257
98)	1974	Hypouricemic, mentally retarded infant with a defect of 5-phosphoribosyl-1-pyrophosphate synthetase of erythrocytes	Tohoku J. Med.	exp.	113	149
99)	1974	Folic acid polyglutamate conjugase activity in liver of rats receiving diphenylhydantoin	Tohoku J. Med.	exp.	113	197
100)	1974	Coexistence of defective activity in glycine-cleavage reaction and propionyl-CoA carboxylase in the liver of a hyperglycinemic child	Tohoku J. Med.	exp.	113	267

101)	1975	Globoid cell leukodystrophy: the first case with antemortem diagnosis in Japan	Tohoku J. exp. Med.	115	53
102)	1976	Mobilization of folate from liver into blood stream following histidine injection in rats	Tohoku J. exp. Med.	119	297
103)	1977	Infantile type of homocystinuria with N ⁵ , ¹⁰ methylenetetrahydrofolate reductase defect	Tohoku J. exp. Med.	121	185
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104)	1965	Formiminotransferase-Deficiency Syndrome: A New Inborn Error of Folic Acid Metabolism	Ann. paediat.	205	1
105)	1970	Congenital Defects in Folate Utilization	Am. J. Med.,	48	594
106)	1974	Congenital and Acquired Disturbances of Histidine Metabolism	Clinic in Endocrinology and Metabolism	3	17
107)	1975	Malnutrition and Electrophysiology of Brain Function	Brain Function and Malnutrition edited by J. W. Prescott, N. S. Read and D. B. Coursin, John Wiley and Sons, New York.	p. 245	
108)	1976	Zinc deficiency in two siblings during total parenteral alimentation for diarrhea	Am. J. Clin. Nut.	29	197